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Customer Number: 26538  
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United States Patent and Trademark Office  
Washington, D.C. 20231

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Subject: Request to amend our pre-grant patent application number 09/681,093

TECHNOLOGY CENTER R3700

The Honorable Commissioner for Patents:

We request to amend our pre-grant original patent application number 09/681,093 with the following (6) changes in order as specified below:

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- (1) Correction of Figure 13.
  - (2) correction in paragraph [0122] to remove sentence "When Counter is zero, the Mux selects the input R1, else it selects the recursive input Z1 from Decoder B".
  - (3) correction in claim [c8](b): "applying feedback signal from the output of the Decoder Interleaver Memory to the first decoder by adding the intrinsic values with the received signal input to generate a first decoded output."
  - (4) In Referenced-applications section, change text to:  
"This patent is based upon the development of IP Core ASIC products for 3G-WDMA and 3G-CDMA2000 wireless communications applications by Icomm Technologies, Inc. since early 1998. Other U.S. Patent Application References: 60/167741 - 11/29/1999 60/131516 04/29/1999 60/120514 02/18/1999 60/120248 02/24/1999."
  - (5) In Claim [c9](c), change claim text:  
"a State Metric module computing state metric values for each state in the trellis using branch metric values. A State Metric Computing module calculates the probability A(k) of each state transition in forward recursion and the probability B(k) in backward recursion."
  - (6) In Claim [c10], add claim text:  
"The Decoder system of claim c7, wherein the decoder uses an implementation of state-metric in forward recursion with Add-Compare-Select (ACS).  
The Decoder system of claim c7, wherein the decoder uses an implementation of state-metric in backward recursion with Add-Compare-Select (ACS)."

The amended patent specifications and figures are attached.

Respectfully yours,

Quang. Nguyen  
Icomm Technologies, Inc.